

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------|------------------|---------|------------------|
| L1 | 10 | triple adj homologous adj recombination | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:38 |
| L2 | 0 | in adj (vivo or vitro) adj chromosom\$2 adj engineer\$3 | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:38 |
| L3 | 2801 | chromosom\$2 adj (engineering or integration) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:28 |
| L4 | 2801 | chromosom\$2 adj (engineering or integration) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:39 |
| L5 | 10 | (triple or multiple) adj homologous adj recombination | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:39 |
| L6 | 435 | ((Two adj (DNA near2 fragment)) or ((first adj recombination adj element) and (second adj recombination adj region) and (bacterial adj chromosome))) and (homologous adj recombination) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:39 |
| L7 | 2 | (((first adj recombination adj (element or region)) and (second adj recombination adj (region or element)) and (bacterial adj chromosome))) and (homologous adj recombination) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:40 |
| L8 | 34 | L6 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:40 |
| L9 | 114 | ((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:40 |
| L10 | 31 | L9 and @ad<="20021219" | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:41 |
| L11 | 25 | L10 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:33 |
| L12 | 9 | L1 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:41 |

EAST Search History

| | | | | | | |
|-----|------|---|--------------------|----|----|------------------|
| L13 | 9 | L1 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46)) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:42 |
| L14 | 0 | L13 and @ad<="20021219" | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:42 |
| L15 | 25 | L11 and ((selectable adj marker) or (kanamycin adj select\$4 adj marker) or (antibiotic adj select\$4 adj marker) or (enzyme adj select\$4 adj marker) or (antibiotic adj resistance adj marker) or (enzymatic adj marker)) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:42 |
| L16 | 25 | L15 And (express\$4 DNA adj fragment) and ((regulatory near element) or promoter or orf or (open adj reading adj frame)) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:43 |
| L17 | 25 | L16 and (Escherichia or salmonella or acinetobactor or methylomonas or bacillus or pseudomonas) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:43 |
| L18 | 100 | (foreign and (native or bacterial)) adj promoter | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:43 |
| L19 | 100 | L18 And (express\$4 DNA adj fragment) and ((regulatory near element) or promoter or orf or (open adj reading adj frame)) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:36 |
| L20 | 3 | L19 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46)) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:44 |
| L21 | 0 | L20 and @ad<="20021219" | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:44 |
| L22 | 1730 | suh.in. | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:44 |
| L23 | 0 | suh-w.in. | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:36 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| L24 | 10 | triple adj homologous adj recombination | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:38 |
| L25 | 0 | in adj (vivo or vitro) adj chromosom\$2 adj engineer\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:39 |
| L26 | 2801 | chromosom\$2 adj (engineering or integration) | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:39 |
| L27 | 10 | (triple or multiple) adj homologous adj recombination | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:39 |
| L28 | 436 | ((Two adj (DNA near2 fragment)) or ((first adj recombination adj element) and (second adj recombination adj region) and (bacterial adj chromosome))) and (homologous adj recombination) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:39 |
| L30 | 2 | ((first adj recombination adj (element or region)) and (second adj recombination adj (region or element)) and (bacterial adj chromosome))) and (homologous adj recombination) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:40 |
| L31 | 34 | L6 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:40 |
| L32 | 116 | ((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:40 |
| L33 | 68 | L32 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:41 |

EAST Search History

| | | | | | | |
|-----|-----|---|---|----|----|------------------|
| L34 | 26 | L33 and @ad<="20021219" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:44 |
| L35 | 9 | L1 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:41 |
| L36 | 9 | L1 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:42 |
| L37 | 0 | L36 and @ad<="20021219" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:42 |
| L38 | 25 | L11 and ((selectable adj marker) or (kanamycin adj select\$4 adj marker) or (antibiotic adj select\$4 adj marker) or (enzyme adj select\$4 adj marker) or (antibiotic adj resistance adj marker) or (enzymatic adj marker)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:42 |
| L39 | 25 | L15 And (express\$4 DNA adj fragment) and ((regulatory near element) or promoter or orf or (open adj reading adj frame)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:43 |
| L40 | 25 | L16 and (Escherichia or salmonella or acinetobactor or methylomonas or bacillus or pseudomonas) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:43 |
| L41 | 100 | (foreign and (native or bacterial)) adj promoter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:43 |

EAST Search History

| | | | | | | |
|-----|-------|--|---|----|----|------------------|
| L42 | 3 | L41 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination).adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:44 |
| L43 | 0 | L42 and @ad<="20021219" | US-PGPUB; USPAT | OR | ON | 2007/02/15 17:44 |
| L44 | 12650 | suh.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:44 |
| L45 | 48 | suh-w.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:44 |
| L46 | 36 | L45 and @ad<="20021219" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/15 17:45 |

? d s

| Set | Items | Description |
|-----|-------|--|
| S1 | 0 | S TRIPLE (W) HOMOLOGOUS (W) RECOMBINATION |
| S2 | 0 | S (VIVO OR VITRO) (W) CHROMOSOM?? (W) ENGINEER?? |
| S3 | 9518 | S CHROMOSOM?? (3N) (ENGINEERING OR INTEGRATION) |
| S4 | 6 | S (TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION |
| S5 | 1 | RD (unique items) |
| S6 | 1 | S ((TWO (W) (DNA (2N) FRAGMENT)) OR ((FIRST (W) RECOMBINATION ADJ (ELEMENT OR REGION)) AND (SECOND (W) RECOMBINATION (W) REGION) AND (BACTERIAL (W) CHROMOSOME))) AND (HOMOLOGOUS (W) RECOMBINATION) |
| S7 | 0 | S (((FIRST (W) RECOMBINATION (W) (ELEMENT OR REGION)) AND (SECOND (W) RECOMBINATION (W) (REGION OR ELEMENT)) AND (BACTERIAL (W) CHROMOSOME))) AND (HOMOLOGOUS (W) RECOMBINATION) |
| S8 | 0 | S S6 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT) |
| S9 | 165 | S ((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR (LAMBDA (W) RED (W) SYSTEM) OR PKD46) |
| S10 | 88 | S S9 NOT PD>021219 |
| S11 | 5 | S S10 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT) |
| S12 | 4 | RD (unique items) |
| S13 | 0 | S S11 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN (W) SELECT?? (W) MARKER) OR (ANTIBIOTIC (W) SELECT? (W) MARKER) OR (ENZYME (W) SELECT?? (W) MARKER) OR (ANTIBIOTIC (W) RESISTANCE (W) MARKER) OR (ENZYMATIC (W) MARKER)) |
| S14 | 0 | S S11 AND (EXPRESS?? DNA (W) FRAGMENT) AND ((REGULATORY (2N) ELEMENT) OR PROMOTER OR ORF OR (OPEN (W) READING (W) FRAME)) |
| S15 | 77 | S (S10 OR S11) AND (ESCHERICHIA OR SALMONELLA OR ACINETOBACTOR OR METHYLOMONAS OR BACILLUS OR PSEUDOMONAS) |
| S16 | 0 | S S15 AND ((FOREIGN AND (NATIVE OR BACTERIAL)) (2N) PROMOTER) |
| S17 | 5 | S AU=SUH, W |
| S18 | 4 | RD (unique items) |

?

[File 185] **Zoological Record Online(R)** 1978-2007/Feb
(c) 2007 The Thomson Corp. All rights reserved.

[File 357] **Derwent Biotech Res.** 1982-2007/Feb W2
(c) 2007 The Thomson Corp. All rights reserved.

[File 369] **New Scientist** 1994-2007/Oct W5
(c) 2007 Reed Business Information Ltd. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3
(c) 1999 AAAS. All rights reserved.

**File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] **Beilstein Reactions** 2006/Q4
(c) 2006 Beilstein GmbH. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
(c) 2006 The Thomson Corp. All rights reserved.

[File 467] **ExtraMED(tm)** 2000/Dec
(c) 2001 Informania Ltd. All rights reserved.

```
? s triple (w) homologous (w) recombination
    213247 TRIPLE
    547799 HOMOLOGOUS
    406612 RECOMBINATION
S1      0 S TRIPLE (W) HOMOLOGOUS (W) RECOMBINATION

? s (vivo or vitro) (w) chromosom?? (w) engineer??
    2500850 VIVO
    4543731 VITRO
    1736980 CHROMOSOM??
    392646 ENGINEER??
S2      0 S (VIVO OR VITRO) (W) CHROMOSOM?? (W) ENGINEER??

? s chromosom?? (3n) (engineering or integration)
    1736980 CHROMOSOM??
    2044844 ENGINEERING
    564493 INTEGRATION
S3      9518 S CHROMOSOM?? (3N) (ENGINEERING OR INTEGRATION)

? s (triple or multiple) (w) homologous (w) recombination
    213247 TRIPLE
    3159726 MULTIPLE
    547799 HOMOLOGOUS
    406612 RECOMBINATION
S4      6 S (TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION

?
? rd
>>>W: Duplicate detection is not supported for File 391.
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Records from unsupported files will be retained in the RD set.
S5 1 RD (UNIQUE ITEMS)

? t s5/medium

5/3/1 (Item 1 from file: 5) [Links](#)

Fulltext available through: [American Society for Microbiology](#) [USPTO Full Text Retrieval Options](#)
[SCIENCEDIRECT](#)

Biosis Previews(R)

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18590675 Biosis No.: 200510285175

Spontaneous homologous recombination is induced by collapsed replication forks that are caused by endogenous DNA single-strand breaks

Author: Saleh-Gohari Nasrollah; Bryant Helen E; Schultz Niklas; Parker Kayan A; Cassel Tobias N; Helleday Thomas (Reprint)

Author Address: Univ Sheffield, Sch Med, Inst Canc Studies, Beech Hill Rd, Sheffield S10 2RX, S Yorkshire, UK**UK

Author E-mail Address: t.helleday@sheffield.ac.uk

Journal: Molecular and Cellular Biology 25 (16): p 7158-7169 AUG 2005 2005

ISSN: 0270-7306

Document Type: Article

Record Type: Abstract

Language: English

? s ((Two (w) (DNA (2n) fragment)) or ((first (w) recombination adj (element or region)) and (second (w) recombination (w) region) and (bacterial (w) chromosome))) and (homologous (w) recombination)

Processing

Processing

Processing

| | |
|----------|--------------------------------------|
| 14203765 | TWO |
| 5150027 | DNA |
| 817271 | FRAGMENT |
| 39 | TWO (W) DNA (2N) FRAGMENT |
| 6852768 | FIRST |
| 0 | RECOMBINATION ADJ (ELEMENT |
| 0 | FIRST (W) RECOMBINATION ADJ (ELEMENT |
| 0 | REGION) |
| 3170214 | SECOND |
| 406612 | RECOMBINATION |
| 5898357 | REGION |
| 1 | SECOND (W) RECOMBINATION (W) REGION |
| 2407499 | BACTERIAL |
| 1314791 | CHROMOSOME |
| 5503 | BACTERIAL (W) CHROMOSOME |
| 547799 | HOMOLOGOUS |
| 406612 | RECOMBINATION |
| 58939 | HOMOLOGOUS (W) RECOMBINATION |

S6 1 S ((TWO (W) (DNA (2N) FRAGMENT)) OR ((FIRST (W) RECOMBINATION ADJ (ELEMENT OR REGION)) AND (SECOND (W) RECOMBINATION (W) REGION) AND (BACTERIAL (W) CHROMOSOME))) AND (HOMOLOGOUS (W) RECOMBINATION)

? t s6/medium

6/3/1 (Item 1 from file: 35) [Links](#)

Dissertation Abs Online

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01534839 ORDER NO: AAD97-07551

GENE TRANSFER BY VIRAL VECTORS (HEMATOPOIETIC STEM CELLS)

Author: FU, SIQING

Degree: PH.D.

Year: 1996

Corporate Source/Institution: THE UNIV. OF TEXAS H.S.C. AT HOUSTON GRAD. SCH. OF BIOMED. SCI. (2034)

Source: Volume 5710B of Dissertations Abstracts International.

PAGE 6074 . 201 PAGES

? s (((first (w) recombination (w) (element or region)) and (second (w) recombination (w) (region or element)) and (bacterial (w) chromosome))) and (homologous (w) recombination)

Processing
Processing

6852768 FIRST
406612 RECOMBINATION
2336575 ELEMENT
5898357 REGION
1 FIRST(W) RECOMBINATION(W) (ELEMENT OR REGION)
3170214 SECOND
406612 RECOMBINATION
5898357 REGION
2336575 ELEMENT
1 SECOND(W) RECOMBINATION(W) (REGION OR ELEMENT)
2407499 BACTERIAL
1314791 CHROMOSOME
5503 BACTERIAL(W) CHROMOSOME
547799 HOMOLOGOUS
406612 RECOMBINATION
58939 HOMOLOGOUS(W) RECOMBINATION

S7 0 S (((FIRST (W) RECOMBINATION (W) (ELEMENT OR REGION)) AND (SECOND (W) RECOMBINATION (W) (REGION OR ELEMENT)) AND (BACTERIAL (W) CHROMOSOME))) AND (HOMOLOGOUS (W) RECOMBINATION)

? s s6 and ((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)

Processing

>>>W: Term "LOX" is not defined in one or more files

Term "DIF" is not defined in one or more files

Term "ATT" is not defined in one or more files

1 S6
6188 SITE-SPECIFIC
22999 RECOMBINASE
0 SITE-SPECIFIC(W) RECOMBINASE
3388936 SITE
6562357 SPECIFIC
22999 RECOMBINASE
1943 SITE(W) SPECIFIC(W) RECOMBINASE
36227 CRE/LOX
1164 FLIPPASE
5216 FLP
647 XER/DIF
87816 INT/ATT

S8 0 S S6 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)

? s ((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda(w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda (w) Red (w) system) or pKD46)

Processing

Processing

1334538 RED
22999 RECOMBINASE
406612 RECOMBINATION
21428953 SYSTEM
91 RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
6 LAMBDA-RED
22999 RECOMBINASE

```

406612 RECOMBINATION
21428953 SYSTEM
0 LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
402126 LAMBDA
1334538 RED
22999 RECOMBINASE
406612 RECOMBINATION
21428953 SYSTEM
51 LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
6 LAMBDA-RED
200297 HELPER
524840 PLASMID
0 LAMBDA-RED (W) HELPER (W) PLASMID
402126 LAMBDA
1334538 RED
200297 HELPER
524840 PLASMID
0 LAMBDA (W) RED (W) HELPER (W) PLASMID
6 LAMBDA-RED
21428953 SYSTEM
0 LAMBDA-RED (W) SYSTEM
402126 LAMBDA
1334538 RED
21428953 SYSTEM
57 LAMBDA (W) RED (W) SYSTEM
19 PKD46
S9 165 S ((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W)
(RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W)
HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR (LAMBDA (W) RED (W) SYSTEM) OR PKD46)

```

? s s9 not pd>021219

Processing

>>>W: One or more prefixes are unsupported
or undefined in one or more files.

```

165 S9
12698983 PD>021219
S10 88 S S9 NOT PD>021219

```

? S S10 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR
CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)

Processing

>>>W: Term "LOX" is not defined in one or more files

Term "DIF" is not defined in one or more files

Term "ATT" is not defined in one or more files

```

88 S10
6188 SITE-SPECIFIC
22999 RECOMBINASE
0 SITE-SPECIFIC (W) RECOMBINASE
3388936 SITE
6562357 SPECIFIC
22999 RECOMBINASE
1943 SITE (W) SPECIFIC (W) RECOMBINASE
36227 CRE/LOX
1164 FLIPPASE
5216 FLP
647 XER/DIF
87816 INT/ATT

```

S11 5 S S10 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W)
RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)

? rd

>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S12 4 RD (UNIQUE ITEMS)

? t s12/medium/all

12/3/1 (Item 1 from file: 5) [Links](#)

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Biosis Previews(R)

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18882141 Biosis No.: 200600227536

PCR-based tandem epitope tagging system for Escherichia coli genome engineering

Author: Cho Byung-Kwan; Knight Eric M; Palsson Bernhard O (Reprint)

Author Address: Univ Calif San Diego, Dept Bioengn, 9500 Gilman Dr, La Jolla, CA 92093 USA **USA

Author E-mail Address: bpalsson@ucsd.edu

Journal: BioTechniques 40 (1): p 67-72 JAN 2006 2006

ISSN: 0736-6205

Document Type: Article

Record Type: Abstract

Language: English

12/3/2 (Item 2 from file: 5) [Links](#)

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18480514 Biosis No.: 200510175014

Deletion of clpP in chromosome of E-coli by red recombination

Author: Bai Guang-Xing; Sun Zhi-Wei; Huang Ying; Yu Wei-Yuan (Reprint)

Author Address: Acad Mil Med Sci, Inst Biotechnol, Beijing 100071, Peoples R China**Peoples R China

Author E-mail Address: Yuwy@nic.bmi.ac.cn

Journal: Zhongguo Shengwu Huaxue yu Fenzi Shengwu Xuebao 21 (1): p 35-38 FEB 20 2005-2005

ISSN: 1007-7626

Document Type: Article

Record Type: Abstract

Language: Chinese

12/3/3 (Item 3 from file: 5) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)

Biosis Previews(R)

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17794154 Biosis No.: 200400161495

Rapid generation of sequence specific germline modifications in mice.

Author: Zhou Dewang (Reprint); Ren Jinxiang (Reprint); Ryan Thomas M (Reprint); Townes Tim M (Reprint)

Author Address: Dept. of Biochemistry and Molecular Genetics, University of Alabama at Birmingham, Birmingham, AL, USA**USA

Journal: Blood 102 (11): p 37b November 16, 2003 2003

Medium: print

Conference/Meeting: 45th Annual Meeting of the American Society of Hematology San Diego, CA, USA December 06-09, 2003; 20031206

Sponsor: American Society of Hematology

ISSN: 0006-4971

Document Type: Meeting; Meeting Abstract

Record Type: Abstract

Language: English

12/3/4 (Item 1 from file: 357) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)

Derwent Biotech Res.

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0389600 DBA Accession No.: 2006-03096

PCR-based tandem epitope tagging system for Escherichia coli genome engineering the use of tandem epitope tagging based on the polymerase chain reaction for investigation of Escherichia coli functional genomics

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Journal: BIOTECHNIQUES (40, 1, 67-72) 2006

ISSN: 0736-6205

Language: English

? s s11 and ((selectable (w) marker) or (kanamycin (w) select?? (w) marker) or (antibiotic (w) select? (w) marker) or (enzyme (w) select?? (w) marker) or (antibiotic (w) resistance (w) marker) or (enzymatic (w) marker))

Processing

Processing

Processing

| | |
|---------|--------------------------------------|
| 5 | S11 |
| 32326 | SELECTABLE |
| 1068991 | MARKER |
| 20851 | SELECTABLE (W) MARKER |
| 59311 | KANAMYCIN |
| 2316097 | SELECT?? |
| 1068991 | MARKER |
| 0 | KANAMYCIN (W) SELECT?? (W) MARKER |
| 832915 | ANTIBIOTIC |
| 6140492 | SELECT? |
| 1068991 | MARKER |
| 65 | ANTIBIOTIC (W) SELECT? (W) MARKER |
| 4480990 | ENZYME |
| 2316097 | SELECT?? |
| 1068991 | MARKER |
| 0 | ENZYME (W) SELECT?? (W) MARKER |
| 832915 | ANTIBIOTIC |
| 3088067 | RESISTANCE |
| 1068991 | MARKER |
| 896 | ANTIBIOTIC (W) RESISTANCE (W) MARKER |
| 735714 | ENZYMATIC |
| 1068991 | MARKER |
| 517 | ENZYMATIC (W) MARKER |

S13 0 S S11 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN (W) SELECT?? (W) MARKER) OR (ANTIBIOTIC (W) SELECT? (W) MARKER) OR (ENZYME (W) SELECT?? (W) MARKER) OR (ANTIBIOTIC (W) RESISTANCE (W) MARKER) OR (ENZYMATIC (W) MARKER))

? s s11 And (express?? DNA (w) fragment) and ((regulatory (2n) element) or promoter or orf or (open (w) reading (w) frame))

| | |
|---------|----------------------------|
| 5 | S11 |
| 0 | EXPRESS?? DNA |
| 817271 | FRAGMENT |
| 0 | EXPRESS?? DNA (W) FRAGMENT |
| 1024877 | REGULATORY |
| 2336575 | ELEMENT |
| 49489 | REGULATORY (2N) ELEMENT |
| 840085 | PROMOTER |
| 59327 | ORF |
| 1408712 | OPEN |
| 456652 | READING |
| 418960 | FRAME |
| 164960 | OPEN (W) READING (W) FRAME |

S14 0 S S11 AND (EXPRESS?? DNA (W) FRAGMENT) AND ((REGULATORY (2N) ELEMENT) OR PROMOTER OR ORF OR (OPEN (W) READING (W) FRAME))

? d s

| Set | Items | Description |
|-----|-------|---|
| S1 | 0 | S TRIPLE (W) HOMOLOGOUS (W) RECOMBINATION |
| S2 | 0 | S (VIVO OR VITRO) (W) CHROMOSOM?? (W) ENGINEER?? |
| S3 | 9518 | S CHROMOSOM?? (3N). (ENGINEERING OR INTEGRATION) |
| S4 | 6 | S (TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION |
| S5 | 1 | RD (unique items) |
| S6 | 1 | S ((TWO (W) (DNA (2N) FRAGMENT)) OR ((FIRST (W) RECOMBINATION ADJ (ELEMENT OR REGION)) AND (SECOND (W) RECOMBINATION (W) REGION) AND (BACTERIAL (W) CHROMOSOME))) AND |

(HOMOLOGOUS (W) RECOMBINATION)
S7 0 S (((FIRST (W) RECOMBINATION (W) (ELEMENT OR REGION)) AND (SECOND (W) RECOMBINATION (W) (REGION OR ELEMENT)) AND (BACTERIAL (W) CHROMOSOME))) AND (HOMOLOGOUS (W) RECOMBINATION)
S8 0 S S6 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)
S9 165 S ((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR (LAMBDA (W) RED (W) SYSTEM) OR PKD46)
S10 88 S S9 NOT PD>021219
S11 5 S S10 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)
S12 4 RD (unique items)
S13 0 S S11 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN (W) SELECT?? (W) MARKER) OR (ANTIBIOTIC (W) SELECT? (W) MARKER) OR (ENZYME (W) SELECT?? (W) MARKER) OR (ANTIBIOTIC (W) RESISTANCE (W) MARKER) OR (ENZYMATIC (W) MARKER))
S14 0 S S11 AND (EXPRESS?? DNA (W) FRAGMENT) AND ((REGULATORY (2N) ELEMENT) OR PROMOTER OR ORF OR (OPEN (W) READING (W) FRAME))

? s (s10 or s11) and (Escherichia or salmonella or acinetobactor or methylomonas or bacillus or pseudomonas)

88 S10
5 S11
1453455 ESCHERICHIA
329621 SALMONELLA
91 ACINETOBACTOR
1990 METHYLOMONAS
415807 BACILLUS
459571 PSEUDOMONAS
S15 77 S (S10 OR S11) AND (ESCHERICHIA OR SALMONELLA OR ACINETOBACTOR OR METHYLOMONAS OR BACILLUS OR PSEUDOMONAS)

? s s15 and ((foreign and (native or bacterial)) (2n) promoter)

77 S15
325766 FOREIGN
715464 NATIVE
2407499 BACTERIAL
840085 PROMOTER
285 (FOREIGN AND (NATIVE OR BACTERIAL)) (2N) PROMOTER
S16 0 S S15 AND ((FOREIGN AND (NATIVE OR BACTERIAL)) (2N) PROMOTER)

? s au=suh, w

S17 5 S AU=SUH, W

? rd

>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S18 4 RD (UNIQUE ITEMS)

? t s18/free/all

18/8/1 (Item 1 from file: 24) [Links](#)

CSA Life Sciences Abstracts

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0002900695 IP Accession No: 6864662

A novel chimeric promoter that is highly responsive to hypoxia and metals

Publication Date: 2006

18/8/2 (Item 2 from file: 24) [Links](#)

CSA Life Sciences Abstracts

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0002316419 IP Accession No: 5364951

Generation and Characterization of Smac/DIABLO-Deficient Mice

Publication Date: 2002

Descriptors: Liver; Mitochondria; Apoptosis; procaspase-3; Smac gene; DIABOLO gene

Identifiers: mice; inhibitor of apoptosis proteins

Subj Catg: 07397, Rodentia (mice)

18/8/3 (Item 3 from file: 24) [Links](#)

CSA Life Sciences Abstracts

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0002062673 IP Accession No: 4665356

Structural Features Required for the Interaction of the Hsp70 Molecular Chaperone DnaK with Its Cochaperone DnaJ

Publication Date: 1999

Descriptors: Heat shock proteins; Chaperones; Conformational analysis; DnaK protein; Hsp70 protein; DnaJ protein; Escherichia coli

Subj Catg: 02727, Amino acids, peptides and proteins

18/8/4 (Item 4 from file: 24) [Links](#)

CSA Life Sciences Abstracts

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0001934099 IP Accession No: 4438309

Interaction of the Hsp70 molecular chaperone, DnaK, with its cochaperone DnaJ

Publication Date: 1998

Descriptors: Heat shock proteins; chaperones; Hsp70 protein; DnaK protein; DnaJ protein; Escherichia coli

Subj Catg: 02727, Amino acids, peptides and proteins